

## **DIVISION 15 MECHANICAL**

### **15300 SMOKE ALARMS**

#### **PART 1 – GENERAL**

##### **1.1 WORK**

- A. Provide and install smoke alarms as listed on the **Scope**, per the building code and as specified herein.
- B. Provide and install smoke alarms that are listed and labeled by an independent testing agency.

##### **1.2 SUBMITTALS**

- A. Supply **Owner** with smoke alarm manufacturer's operating instructions.

#### **PART 2 – MATERIALS AND PRODUCTS**

##### **2.1 MATERIALS**

- A. Smoke alarms shall be listed and labeled by an independent testing agency.
- B. Smoke alarms shall be equipped with a "hush button" if the alarm is located within 20 feet of the main cooking appliance within the dwelling unit.

#### **PART 3 – EXECUTION**

##### **3.1 LOCATIONS**

- A. Smoke detectors shall be installed in locations per the building code and as specified herein:
  - On floor levels that contain one or more sleeping areas, an alarm shall be installed outside the sleeping rooms, in the vicinity of each sleeping area.
  - An alarm equipped with a "hush button" is required if the smoke detector is installed within 20 feet of the main cooking appliance within the dwelling unit.
  - On floors that do not contain sleeping areas, an alarm shall be installed in a common area on each floor level.
  - An alarm shall be installed in the basement in the vicinity of the basement stairway.
  - An alarm shall be installed at the top of common stairways in a duplex.
  - Alarms need not be installed in attics or storage areas.

##### **3.2 INSTALLATION**

- A. Smoke alarms shall be installed as soon as possible after the start of work, preferably prior to the start of work at the property.
- B. Install smoke alarms per manufacturer's instructions and as specified herein:
  - Install smoke alarms on ceilings at least 6 inches away from walls.
  - Install smoke alarms on walls within 12 inches but not less than 6 inches away from ceiling.
  - On vaulted ceilings, install smoke alarm at highest point of ceiling.
  - Do not install smoke alarms in kitchens or bathrooms.

##### **3.3 INSPECTION**

- A. Smoke alarms may be tested for proper operation.
  - Defective smoke alarms shall be replaced.
  - Batteries shall be replaced in all existing operational smoke alarms throughout building.

### **END OF SECTION – 15300 SMOKE ALARMS**